

APPENDIX 6.0

BIOLOGICAL RESOURCES DATA

U.S. Fish & Wildlife Service
Sacramento Fish & Wildlife Office
Federal Endangered and Threatened Species that Occur in
or may be Affected by Projects in the Counties and/or
U.S.G.S. 7 1/2 Minute Quads you requested

Document Number: 130401025414

Database Last Updated: September 18, 2011

Quad Lists

Listed Species

Fish

Hypomesus transpacificus

delta smelt (T)

Oncorhynchus (=Salmo) clarki henshawi

Lahontan cutthroat trout (T)

Oncorhynchus mykiss

Central Valley steelhead (T) (NMFS)

Candidate Species

Amphibians

Rana muscosa

mountain yellow-legged frog (C)

Mammals

Martes pennanti

fisher (C)

Plants

Rorippa subumbellata

Tahoe yellow-cress (C)

Quads Containing Listed, Proposed or Candidate Species:

KINGS BEACH (538A)

TAHOE CITY (538B)

GRANITE CHIEF (539A)

BOCA (554A)

HOBART MILLS (554B)

TRUCKEE (554C)

MARTIS PEAK (554D)

INDEPENDENCE LAKE (555A)

NORDEN (555D)

County Lists

No county species lists requested.

Key:

(E) *Endangered* - Listed as being in danger of extinction.

(T) *Threatened* - Listed as likely to become endangered within the foreseeable future.

(P) *Proposed* - Officially proposed in the Federal Register for listing as endangered or threatened.

(NMFS) Species under the Jurisdiction of the [National Oceanic & Atmospheric Administration Fisheries Service](#). Consult with them directly about these species.

Critical Habitat - Area essential to the conservation of a species.

(PX) *Proposed Critical Habitat* - The species is already listed. Critical habitat is being proposed for it.

(C) *Candidate* - Candidate to become a proposed species.

(V) Vacated by a court order. Not currently in effect. Being reviewed by the Service.

(X) *Critical Habitat* designated for this species

Important Information About Your Species List

How We Make Species Lists

We store information about endangered and threatened species lists by U.S. Geological Survey 7½ minute quads. The United States is divided into these quads, which are about the size of San Francisco.

The animals on your species list are ones that occur within, **or may be affected by** projects within, the quads covered by the list.

- Fish and other aquatic species appear on your list if they are in the same watershed as your quad or if water use in your quad might affect them.
- Amphibians will be on the list for a quad or county if pesticides applied in that area may be carried to their habitat by air currents.
- Birds are shown regardless of whether they are resident or migratory. Relevant birds on the county list should be considered regardless of whether they appear on a quad list.

Plants

Any plants on your list are ones that have actually been observed in the area covered by the list. Plants may exist in an area without ever having been detected there. You can find out what's in the surrounding quads through the California Native Plant Society's online [Inventory of Rare and Endangered Plants](#).

Surveying

Some of the species on your list may not be affected by your project. A trained biologist and/or botanist, familiar with the habitat requirements of the species on your list, should determine whether they or habitats suitable for them may be affected by your project. We recommend that your surveys include any proposed and candidate species on your list. See our [Protocol](#) and [Recovery Permits](#) pages.

For plant surveys, we recommend using the [Guidelines for Conducting and Reporting Botanical Inventories](#). The results of your surveys should be published in any environmental documents prepared for your project.

Your Responsibilities Under the Endangered Species Act

All animals identified as listed above are fully protected under the Endangered Species Act of 1973, as amended. Section 9 of the Act and its implementing regulations prohibit the take of a federally listed wildlife species. Take is defined by the Act as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect" any such animal.

Take may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or shelter (50 CFR §17.3).

Take incidental to an otherwise lawful activity may be authorized by one of two procedures:

- If a Federal agency is involved with the permitting, funding, or carrying out of a project that may result in take, then that agency must engage in a formal [consultation](#) with the Service.

During formal consultation, the Federal agency, the applicant and the Service work together to avoid or minimize the impact on listed species and their habitat. Such consultation would result in a biological opinion by the Service addressing the anticipated effect of the project on listed and proposed species. The opinion may authorize a limited level of incidental take.

- If no Federal agency is involved with the project, and federally listed species may be taken as part of the project, then you, the applicant, should apply for an incidental take permit. The Service may issue such a permit if you submit a satisfactory conservation plan for the species that would be affected by your project.

Should your survey determine that federally listed or proposed species occur in the area and are likely to be affected by the project, we recommend that you work with this office and the California Department of Fish and Game to develop a plan that minimizes the project's direct and indirect impacts to listed species and compensates for project-related loss of habitat. You should include the plan in any environmental documents you file.

Critical Habitat

When a species is listed as endangered or threatened, areas of habitat considered essential to its conservation may be designated as critical habitat. These areas may require special management considerations or protection. They provide needed space for growth and normal behavior; food, water, air, light, other nutritional or physiological requirements; cover or shelter; and sites for breeding, reproduction, rearing of offspring, germination or seed dispersal.

Although critical habitat may be designated on private or State lands, activities on these lands are not restricted unless there is Federal involvement in the activities or direct harm to listed wildlife.

If any species has proposed or designated critical habitat within a quad, there will be a separate line for this on the species list. Boundary descriptions of the critical habitat may be found in the Federal Register. The information is also reprinted in the Code of Federal Regulations (50 CFR 17.95). See our [Map Room](#) page.

Candidate Species

We recommend that you address impacts to candidate species. We put plants and animals on our candidate list when we have enough scientific information to eventually propose them for listing as threatened or endangered. By considering these species early in your planning process you may be able to avoid the problems that could develop if one of these candidates was listed before the end of your project.

Species of Concern

The Sacramento Fish & Wildlife Office no longer maintains a list of species of concern. However, various other agencies and organizations maintain lists of at-risk species. These lists provide essential information for land management planning and conservation efforts. [More info](#)

Wetlands

If your project will impact wetlands, riparian habitat, or other jurisdictional waters as defined by section 404 of the Clean Water Act and/or section 10 of the Rivers and Harbors Act, you will need to obtain a permit from the U.S. Army Corps of Engineers. Impacts to wetland

habitats require site specific mitigation and monitoring. For questions regarding wetlands, please contact Mark Littlefield of this office at (916) 414-6520.

Updates

Our database is constantly updated as species are proposed, listed and delisted. If you address proposed and candidate species in your planning, this should not be a problem. However, we recommend that you get an updated list every 90 days. That would be June 30, 2013.



U.S. Fish and Wildlife Service

Natural Resources of Concern

This resource list is to be used for planning purposes only — it is not an official species list.

Endangered Species Act species list information for your project is available online and listed below for the following FWS Field Offices:

NEVADA FISH AND WILDLIFE OFFICE
1340 FINANCIAL BOULEVARD, SUITE 234
RENO, NV 89502
(775) 861-6300
<http://www.fws.gov/nevada/>

Endangered Species Act species list information for your project is NOT available online for the following FWS Field Offices:

SACRAMENTO FISH AND WILDLIFE OFFICE
FEDERAL BUILDING
2800 COTTAGE WAY, ROOM W-2605
SACRAMENTO, CA 95825
(916) 414-6600

Project Name:

Northstar OMMP



U.S. Fish and Wildlife Service

Natural Resources of Concern

Project Location Map:



Project Counties:

Placer, CA

Geographic coordinates (Open Geospatial Consortium Well-Known Text, NAD83):

MULTIPOLYGON (((-120.1052701 39.2965118, -120.1038968 39.2837708, -120.1052701 39.2659641, -120.1104199 39.2314008, -120.1619183 39.2162407, -120.1680981 39.276064, -120.1052701 39.2965118)))

Project Type:

Development



Natural Resources of Concern

Endangered Species Act Species List ([USFWS Endangered Species Program](#))

There are a total of 3 threatened, endangered, or candidate species, and/or designated critical habitat on your species list. Species on this list are the species that may be affected by your project and could include species that exist in another geographic area. For example, certain fishes may appear on the species list because a project could cause downstream effects on the species. Please contact the designated FWS office if you have questions.

Species that may be affected by your project:

Fishes	Status	Species Profile	Contact
cui-ui (<i>Chasmistes cujus</i>) Population: Entire	Endangered	species info	Nevada Fish And Wildlife Office
Lahontan cutthroat trout (<i>Oncorhynchus clarkii ssp. henshawi</i>) Population: Entire	Threatened	species info	Nevada Fish And Wildlife Office
Flowering Plants			
Tahoe Yellow cress (<i>Rorippa subumbellata</i>)	Candidate	species info	Nevada Fish And Wildlife Office

FWS National Wildlife Refuges ([USFWS National Wildlife Refuges Program](#))

There are no refuges found within the vicinity of your project.

FWS Migratory Birds ([USFWS Migratory Bird Program](#))

Most species of birds, including eagles and other raptors, are protected under the Migratory Bird Treaty Act (16 U.S.C. 703). Bald eagles and golden eagles receive additional protection under the [Bald and Golden Eagle Protection Act](#) (16 U.S.C. 668). The Service's [Birds of Conservation Concern \(2008\)](#) report identifies species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become listed under the Endangered Species Act as amended (16 U.S.C 1531 et seq.).



Natural Resources of Concern

NWI Wetlands ([USFWS National Wetlands Inventory](#)).

The U.S. Fish and Wildlife Service is the principal Federal agency that provides information on the extent and status of wetlands in the U.S., via the National Wetlands Inventory Program (NWI). In addition to impacts to wetlands within your immediate project area, wetlands outside of your project area may need to be considered in any evaluation of project impacts, due to the hydrologic nature of wetlands (for example, project activities may affect local hydrology within, and outside of, your immediate project area). It may be helpful to refer to the USFWS National Wetland Inventory website. The designated FWS office can also assist you. Impacts to wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes. Project Proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

The following wetlands intersect your project area:

Wetland Types	NWI Classification Code	Approximate Acres
Freshwater Pond	PUBF	0.360123
Freshwater Emergent Wetland	PEMC	0.776933
Freshwater Forested/Shrub Wetland	PSSC	0.223009
Freshwater Forested/Shrub Wetland	PSSA	0.700177
Freshwater Forested/Shrub Wetland	PSSA	0.432405
Freshwater Forested/Shrub Wetland	PSSA	8.447057
Freshwater Forested/Shrub Wetland	PSSA	0.174427
Freshwater Forested/Shrub Wetland	PSSA	0.270501
Freshwater Forested/Shrub Wetland	PFOA	8.064729
Freshwater Forested/Shrub Wetland	PSSA	2.673282
Freshwater Emergent Wetland	PEMB	2.090081
Freshwater Forested/Shrub Wetland	PSSA	0.483193
Freshwater Pond	PUBHh	0.519566
Freshwater Emergent Wetland	PEMC	12.624752
Freshwater Forested/Shrub Wetland	PSSC	1.532358
Other	PUSC	0.523968
Freshwater Emergent Wetland	PEMA	0.365016
Freshwater Forested/Shrub Wetland	PFOA	1.014563
Freshwater Pond	PUBH	0.149516
Freshwater Emergent Wetland	PEMC	3.461187
Freshwater Forested/Shrub Wetland	PSSA	22.277824



Natural Resources of Concern

Freshwater Pond	PUBHh	5.793618
Freshwater Pond	PUBH	4.249146
Freshwater Forested/Shrub Wetland	PSSA	0.662097
Freshwater Forested/Shrub Wetland	PFOA	5.693903
Freshwater Forested/Shrub Wetland	PSSA	4.212062
Freshwater Forested/Shrub Wetland	PFOA	7.907307
Freshwater Forested/Shrub Wetland	PSSC	0.177832
Freshwater Emergent Wetland	PEMA	0.637856
Freshwater Forested/Shrub Wetland	PFOA	5.547809
Freshwater Forested/Shrub Wetland	PSSC	1.493712
Freshwater Forested/Shrub Wetland	PSSC	0.193187
Freshwater Forested/Shrub Wetland	PSSC	1.309518
Freshwater Forested/Shrub Wetland	PSSC	2.945965
Freshwater Forested/Shrub Wetland	PFOA	1.367806
Freshwater Forested/Shrub Wetland	PSSA	1.82851
Freshwater Forested/Shrub Wetland	PSSA	10.693353
Freshwater Forested/Shrub Wetland	PSSA	0.685356
Freshwater Forested/Shrub Wetland	PSSC	21.018039
Freshwater Forested/Shrub Wetland	PSSC	0.873451
Freshwater Forested/Shrub Wetland	PSSC	4.238018
Freshwater Forested/Shrub Wetland	PSSA	10.557313
Freshwater Forested/Shrub Wetland	PSSC	0.881255

CNDDDB Output

1mi					
Occurrence Count	Scientific Name	Common Name	Federal Listing	State Listing	Rare Plant Rank
2	Accipiter gentilis	northern goshawk	None	SSc	
4	Aplodontia rufa californica	Sierra Nevada mountain beaver	None	SSC	
1	Artemisia tripartita ssp. tripartita	threetip sagebrush	None	None	2.3
2	Empidonax traillii	willow flycatcher	None	Endangered	
3	Ivesia sericoleuca	Plumas ivesia	None	None	1B.2
1	Myotis volans	long-legged myotis	None	None	
3	Oncorhynchus clarkii henshawi	Lahontan cutthroat trout	Threatened	None	
5mi					
Occurrence Count	Scientific Name	Common Name	Federal Listing	State Listing	Rare Plant Rank
6	Accipiter gentilis	northern goshawk	None	SSC	
8	Aplodontia rufa californica	Sierra Nevada mountain beaver	None	SSC	
2	Arabis rigidissima var. demota	Galena Creek rockcress	None	None	1B.2
1	Artemisia tripartita ssp. tripartita	threetip sagebrush	None	None	2.3
1	Botrychium minganense	mingan moonwort	None	None	2.2
1	Capnia lacustra	Lake Tahoe benthic stonefly	None	None	
2	Carex davyi	Davy's sedge	None	None	1B.3
1	Carex lasiocarpa	woolly-fruited sedge	None	None	2.3
2	Dendroica petechia brewsteri	yellow warbler	None	SSC	
4	Empidonax traillii	willow flycatcher	None	Endangered	
5	Eriogonum umbellatum var. torreyanum	Donner Pass buckwheat	None	None	1B.2
2	Glyceria grandis	American manna grass	None	None	2.3
1	Gulo gulo	California wolverine	Candidate	Threatened	
1	Haliaeetus leucocephalus	bald eagle	Delisted	Endangered	
1	Helisoma newberryi	Great Basin rams-horn	None	None	
9	Ivesia sericoleuca	Plumas ivesia	None	None	1B.2
1	Juncus luciensis	Santa Lucia dwarf rush	None	None	1B.2
2	Lepus americanus tahoensis	Sierra Nevada snowshoe hare	None	SSC	
1	Lepus townsendii townsendii	western white-tailed jackrabbit	None	SSC	
1	Lewisia longipetala	long-petaled lewisia	None	None	1B.3
1	Lithobates pipiens	northern leopard frog	None	SSC	
2	Margaritifera falcata	western pearlshell	None	None	

CNDDDB Output

5mi					
Occurrence Count	Scientific Name	Common Name	Federal Listing	State Listing	Rare Plant Rank
1	Martes americana sierrae	Sierra marten	None	None	
1	Myotis volans	long-legged myotis	None	None	
4	Oncorhynchus clarkii henshawi	Lahontan cutthroat trout	Threatened	None	
1	Pandion haliaetus	osprey	None	None	
1	Rana sierrae	Sierra Nevada yellow-legged frog	Candidate	Candidate Threatened	
4	Rhamnus alnifolia	alder buckthorn	None	None	2.2
4	Rorippa subumbellata	Tahoe yellow cress	Candidate	Endangered	1B.1
1	Scutellaria galericulata	marsh skullcap	None	None	2.2
1	Sphaeralcea munroana	Munro's desert mallow	None	None	2.2
1	Stuckenia filiformis	slender-leaved pondweed	None	None	2.2
1	Vulpes vulpes necator	Sierra Nevada red fox	None	Threatened	

CNDDDB Output

Martis Peak Quad											
Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank	CESA	FESA	Elevation High (meters)	Elevation Low (meters)	CA Endemic
<i>Arabis rigidissima</i> var. <i>demota</i>	Galena Creek rockcress	Brassicaceae	perennial herb	1B.2	S1	G3T3	None	None	2560	2255	F
<i>Botrychium minganense</i>	Mingan moonwort	Ophioglossaceae	perennial rhizomatous herb	2.2	S2	G4	None	None	2105	1455	F
<i>Carex davyi</i>	Davy's sedge	Cyperaceae	perennial herb	1B.3	S2	G2	None	None	3200	1500	T
<i>Ivesia sericoleuca</i>	Plumas ivesia	Rosaceae	perennial herb	1B.2	S2S3	G2G3	None	None	2200	1310	T
<i>Juncus luciensis</i>	Santa Lucia dwarf rush	Juncaceae	annual herb	1B.2	S2S3	G2G3	None	None	2040	300	T
Truckee Quad											
Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank	CESA	FESA	Elevation High (meters)	Elevation Low (meters)	CA Endemic
<i>Artemisia tripartita</i> ssp. <i>tripartita</i>	threetip sagebrush	Asteraceae	perennial shrub	2.3	S2	G5T3T5	None	None	2600	2200	F
<i>Carex davyi</i>	Davy's sedge	Cyperaceae	perennial herb	1B.3	S2	G2	None	None	3200	1500	T
<i>Eriogonum umbellatum</i> var. <i>torreyanum</i>	Donner Pass buckwheat	Polygonaceae	perennial herb	1B.2	S2.2	G5T2	None	None	2620	1855	T
<i>Ivesia sericoleuca</i>	Plumas ivesia	Rosaceae	perennial herb	1B.2	S2S3	G2G3	None	None	2200	1310	T
<i>Pseudostellaria sierrae</i>	Sierra starwort	Caryophyllaceae	perennial rhizomatous herb	4.2	S3S4	G3G4	None	None	2194	1225	T
<i>Rhamnus alnifolia</i>	alder buckthorn	Rhamnaceae	perennial deciduous shrub	2.2	S2.2	G5	None	None	2130	1370	F
<i>Rorippa subumbellata</i>	Tahoe yellow cress	Brassicaceae	perennial rhizomatous herb	1B.1	S1	G1	CE	FC	1900	1895	F
<i>Scutellaria galericulata</i>	marsh skullcap	Lamiaceae	perennial rhizomatous herb	2.2	S2	G5	None	None	2100	0	F